

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 09242453  
PUBLICATION DATE : 16-09-97

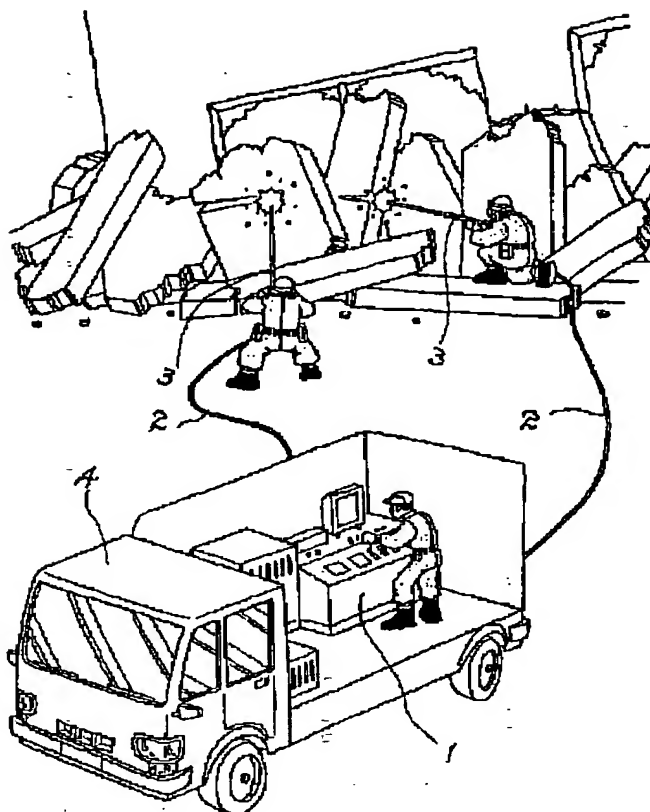
APPLICATION DATE : 06-03-96  
APPLICATION NUMBER : 08075454

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INT.CL. : E21B 7/15 B23K 26/00 B23K 26/08  
E04G 23/08 E21D 9/10 H01S 3/00

TITLE : DRILLING METHOD



ABSTRACT : PROBLEM TO BE SOLVED: To provide such a drilling method as being capable of saving labor and restricting vibration and noise.

SOLUTION: Laser beam with a great output is generated by a laser beam generator 1, guided to drilling sites via optical fibers 2, radiated to materials to be drilled via laser beam directors 3 and melted the materials to be drilled. With the laser beam director 3, visible radiations may be layered on the same beam passage as a laser beam passage to perform drilling while identifying a drilled area.

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